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- (71) Applicant (for all designated States except US): G.D SOCIETA' PER AZIONI [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DRAGHETTI, Fiorenzo [IT/IT]; Via San Donino, 506, Frazione Villafontana, I-40059 Medicina (IT). GIUNTA, Gabriele [IT/IT]; Via Lavino, 387/1, I-40050 Monte San Pietro (IT). RIZZOLI, Salvatore [IT/IT]; Via Galeazza, 21, I-40100 Bologna (IT).
- (74) Agents: JORIO, Paolo et al.; c/o Studio Torta S.R.L., Via Viotti, 9, I-10121 Torino (IT).

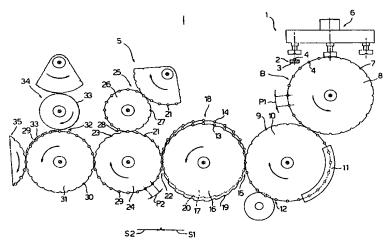
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#### (54) Title: METHOD OF PRODUCING FILTER-TIPPED CIGARETTES



(57) Abstract: An orderly succession of first tobacco articles (4), each defined by a double cigarette portion, is fed, with a first pitch (P1), to a first portion (S1) of a path (B) along a filter assembly machine (5); as they travel along the first portion, the first articles (4) are cut into respective pairs of portions (13, 14), and the portions in each pair are spaced axially and then fed along a second portion (S2) of the path (B); as they travel along the second portion, the portion (13, 14) in each pair are separated by the interposition of a double filter (21) to form a succession of second articles (29), each defined by the relative pair of portions (13, 14) and by the relative interposed double filter (21); a respective strip (33) being applied, by rolling, to each second article (29) to connect the pair of portions (13, 14) and the double filter (21) and form a third article (40) defined by a double cigarette; and the first articles (4) being subjected to a pitch reduction to assume, along the first portion (S1) of the path, a second pitch (P2) shorter than the first pitch (P1) and of a length approximately equal to but no shorter than the length of the relative strip (33).



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

#### INTERNATIONAL SEARCH REPORT

International Application No PCT/14 03/00405

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A24C5/47 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 A24C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1 US 5 474 091 A (DRAGHETTI FIORENZO ET AL) Y 12 December 1995 (1995-12-12) cited in the application the whole document US 5 349 968 A (RIZZOLI SALVATORE ET AL) 1 27 September 1994 (1994-09-27) column 4, line 37 - line 59; figures 1,2,4 1 US 5 135 008 A (HINZ WERNER ET AL) Α 4 August 1992 (1992-08-04) cited in the application the whole document 1 GB 2 144 696 A (GD SPA) Α 13 March 1985 (1985-03-13) claim 1; figure 1 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "E" earlier document but published on or after the international filing date involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 23/12/2003 16 December 2003 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Pille, S

Fax: (+31-70) 340-3016

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